

<b>FORM PTO-1449 U.S. Department of Commerce</b> Patent and Trademark Office <b>LIST OF DOCUMENTS CITED BY APPLICANT</b> (Use several sheets if necessary)				Attorney Docket Number 5051-574CT		Serial No. <del>To Be</del> Assigned 10/802,644	
				Applicants: Martin et al.			
				Filing Date Concurrently Herewith		Group <del>To Be</del> Assigned 1644	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
mH	1.	Adler et al. "Effects of inflammatory mediators and drugs on mucus secretion and mucociliary function" <u>Res. Immunol.</u> 149:24-248, 1998.					
mH	2.	Barnes, PJ. "Current and future therapies for airway mucus hypersecretion." <u>Novartis Found Symp.</u> 248-237-49. (2002).					
mH	3.	Ward, PA and Mulligan MS. "Blocking of adhesion molecules in vivo as anti-inflammatory therapy." <u>Ther Immunol.</u> 1(3):165-71. (1994).					

Substitute form 1449A/PTO		Complete if Known 10/802,644	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	<del>40100-755</del> To Be Assigned
		Filing Date	06/26/2002 Concurrently herewith
		First Named Inventor	Linda D. Martin
		Group Art Unit	4644 1644
		Examiner Name	Meher M. Haddad
Sheet 1 of 1	Attorney Docket Number	5051-574 5051-574 CT	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
MH	1	Abdullah et al., <i>P<sub>2U</sub> purinoceptor regulation of mucin secretion in SPOC1 cells, a goblet cell line from the airways</i> , Biochem. J. Vol. 316, 1996, pp. 943-951	
MH	2	Abdullah et al., <i>Protein kinase C and Ca<sup>2+</sup> activation of mucin secretion in airway goblet cells</i> , Am. J. Physiol., Vol. 273, pp. L201-L210	
MH	3	Adler et al., <i>Effects of inflammatory mediators and drugs on mucin secretion and mucociliary function</i> , Res. Immunol., Vol. 149, 1998, pp. 245-248	
MH	4	Cross et al., <i>Antioxidant Protection: A Function of Tracheobronchial and Gastrointestinal Mucus</i> , The Lancet, June 16, 1984, pp. 1328-1329	
MH	5	Fischer et al., <i>Tumor Necrosis Factor-<math>\alpha</math> Stimulates Mucin Secretion and Cyclic GMP Production by Guinea Pig Tracheal Epithelial Cells In Vitro</i> , Am. J. Respir. Cell Mol. Biol., Vol. 20, 1999, pp. 413-422	
MH	6	Kim et al., <i>Airway Mucus</i> , Eur. Respir. J., Vol. 10, 1997, p. 1438	
MH	7	King et al., <i>Alteration of Airway Reactivity by Mucus</i> , Respiration Physiology, Vol. 62, 1985, pp. 47-59	
MH	8	Ko et al., <i>ATP-induced Mucin Release from Cultured Airway Goblet Cells Involves, in Part, Activation of Protein Kinase C</i> , Am. J. Respir. Cell Mol. Biol. Vol. 16, 1996, pp. 194-198	
MH	9	Krunkosky et al., <i>Effects of TNF<math>\alpha</math> on Expression of ICAM-1 in Human Airway Epithelial Cells In Vitro</i> , Am. J. Respir. Cell Mol. Biol., Vol. 22, 2000, pp. 685-692	
MH	10	Larivée et al., <i>Platelet-Activating Factor Induces Airway Mucin Release via Activation of Protein Kinase C: Evidence of Translocation of protein Kinase C to Membranes</i> , Am. J. Respir. Cell Mol. Biol., Vol. 11, 1994, pp. 199-205	
MH	11	Lethem et al., <i>Nucleotide Regulation of Goblet Cells in Human Airway Epithelial Explants: Normal Exocytosis in Cystic Fibrosis</i> , Am. J. Respir. Cell Mol. Biol., Vol. 9, 1993, pp. 315-322	
MH	12	Li et al., <i>MARCKS Protein Is a Key Molecule Regulating Mucin Secretion by Human Airway Epithelial Cells in Vitro</i> , The Journal of Biological Chemistry, Vol. 276, No. 44, November 2, 2001, pp. 40982-40990	
MH	13	Prescott et al., <i>Chronic Mucus Hypersecretion in COPD and Death From Pulmonary Infection</i> , Eur. Respir. J., Vol. 8, 1995, pp. 1333-1338	
MH	14	Steiger et al., <i>Concurrent Increases in the Storage and Release of Mucin-like Molecules by Rat Airway Epithelial Cells in Response to Bacterial Endotoxin</i> , Am. J. Respir. Cell Mol. Biol., Vol. 12, 1995, pp. 307-314	
MH	15	Thornton et al., <i>Identification of Two Glycoforms of the MUC5B Mucin in Human Respiratory Mucus</i> , The Journal of Biological Chemistry, Vol. 272, No. 14, April 4, 1997, pp. 9561-9566	
MH	16	Vishwanath et al., <i>Adherence of Pseudomonas aeruginosa to Human Tracheobronchial Mucin</i> , Infection and Immunity, Vol. 45, No. 1, July 1984, pp. 197-202	
MH	17	Wright et al., <i>Oxidant stress stimulates mucin secretion and PLC in airway epithelium via a nitric oxide-dependent mechanism</i> , American J. Physiol., Vol. 271, pp. L854-L861	

Examiner Signature	Meher Haddad	Date Considered	10/8/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449 U.S. Department of Commerce</b> Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)				Attorney Docket Number <del>5051-374</del> <b>5051-574CT</b>		Serial No. <del>10/180,753</del> <del>TO BE</del> <b>Assigned</b> <b>16/802,644</b>	
				Applicants: <p style="text-align: center;">Martin et al.</p>			
				Filing Date <del>June 26, 2002</del> <b>Concurrently</b> <del>Harvard</del>		Group <del>1644</del> <b>1644</b>	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
mH	1.	WO 00/50062	08/2000	PCT	<del>A61K</del>	<del>38/17</del>	Yes
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
mH	2.	Elzagallaai, A., et al. "Platelet Secretion Induced by Phorbol Esters Stimulation is Mediated Through Phosphorylation of MARCKS: a MARCKS-Derived Peptide Blocks MARCKS Phosphorylation and Serotonin Release Without Affecting Pleckstrin Phosphorylation." <i>Hemostasis, Thrombosis, and Vascular Biology</i> . 95(3):894-902. (Feb. 1, 2000).					
mH	3.	<del>International Search Report corresponding to PCT/US02/22270 mailed on January 22, 2003.</del>					
mH	4.	Rogers, D.F. "Airway Goblet Cell Hyperplasia in Asthma: Hypersecretory and Anti-Inflammatory?" <i>Clinical and Experimental Allergy</i> . Editorial 32:1124-1127. (2002).					
mH	5.	Li, Y., et al. "MARCKS Protein is a Key Molecule Regulation Mucin Secretion by Human Airway Epithelial Cells in Vitro." <i>The Journal of Biological Chemistry</i> . 276(44):40982-40990. (November 2, 2001).					
mH	6.	Zhao, Y., et al. "Role of MARCKS in regulating endothelial cell proliferation." <i>Am J Physiol Cell Physiol</i> . 279:C1611-C1620. (2000).					

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 \*EXAMINER

Maher Haddad

 DATE CONSIDERED 16/8/04

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